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ILLUSTRATED CATALOGUE

OF

McDonald & Co

MEN'S

FURNISHINGS

MANUFACTURED

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STEPHENS LITHO & ENGR CO ST LOUIS

R. L. McDONALD & CO

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TO THE TRADE.

In presenting our Illustrated Catalogue, we desire, in the first place, to thank you for the patronage that has built up, within the short space of a few years, one of the largest businesses of this kind in the country. We believe that this patronage has been secured by adhering strictly to the policy outlined when we first embarked in the business—namely, to put forth nothing but first-class work and to make the lowest possible prices on each and every number. As time has passed, we have learned to perfect our work in numerous ways, and no opportunity for improvement has been lost; at the same time, we can conscientiously say that we have given the trade full advantage of every saving in the cost that experience has taught us to make.

The following pages contain such staple articles as are always in stock. Many other specialties are not herein contained, and others are being added daily. If you do not, therefore, find mentioned just what you want, write us, and we shall endeavor to supply you.

Price Lists on the different lines or, if desired, on all articles contained herein will be furnished promptly on application. We offer these goods to the trade as MANUFACTURERS, and all prices are based upon the actual cost of production in the largest quantities. Terms are uniformly NET, 60, or 2 per cent off for cash in 10 days.

Particular attention is requested to page 25, on which the full matter of SIZES is treated. This is a very important point, and as it is impossible for us to carry an indefinite number of sizes in every article, and equally impossible to make work to order, we bespeak your careful attention to the same when ordering.

Kindly oblige us by retaining this catalogue for reference.

OVERALLS.

PLAIN PANTALOOON CUT.

(STYLE FIGURE 1.)

- 27. Amoskeag Extra Heavy Denim, Brown.
- 28. Amoskeag Extra Heavy Denim, Grey.
- 34. Pemberton Standard Denim, Blue.
- 37. Extra 9 oz. Indigo Denim.
- 35. Medium Weight Indigo Denim.
- 11. Stark 10 oz., Mode Duck, triple stitched.
Painter's White Drill, Standard Weight.

CALIFORNIA STRAPS.

(STYLE FIGURE 2.)

- 10. Extra Heavy Blue and Gold Denim.
- 12. Amoskeag Fancy Stripe Denim.
- 13. York Double-Spun Cassimere Denim.
- 29. York 10 oz. Gold Denim.
- 31. York 10 oz. Grey Denim.
- 33. York Extra Heavy Fancy Blue Denim.

SPECIAL STYLES.

(SEE FIGURE 3.)

- 34. Bib Front Standard Blue Denim.

NOTE.—This is the most perfect engineer's garment made. The fronts cut in one piece come up very high to protect the whole bosom, while the arrangement of the pockets and the fit is superior to anything on the market.

(SEE FIGURE 4.)

Miner's Heavy White Duck, Double Seat and Knee.

BOYS' OVERALLS.

PANTALOOON CUT.

- 2. Stark 8 oz. Duck, Drab.
- 3. 7 oz. Duck, Drab.
- 4. Pemberton Standard Denim, Blue.
- 5. Amoskeag 9 oz. Grey Denim.

FOR SIZES ON ALL OVERALLS, SEE PAGE 25.

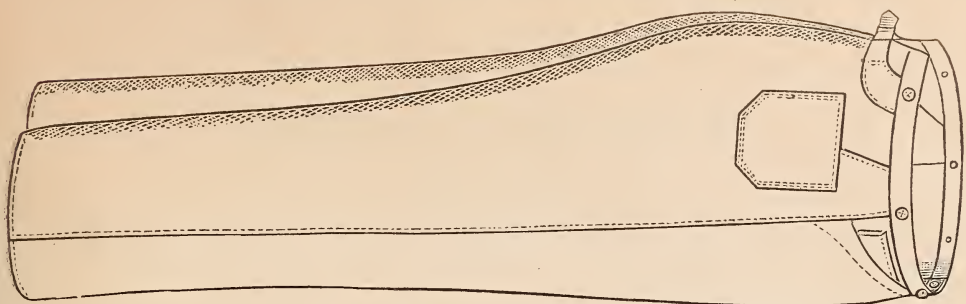


FIG. 1.



FIG. 2.

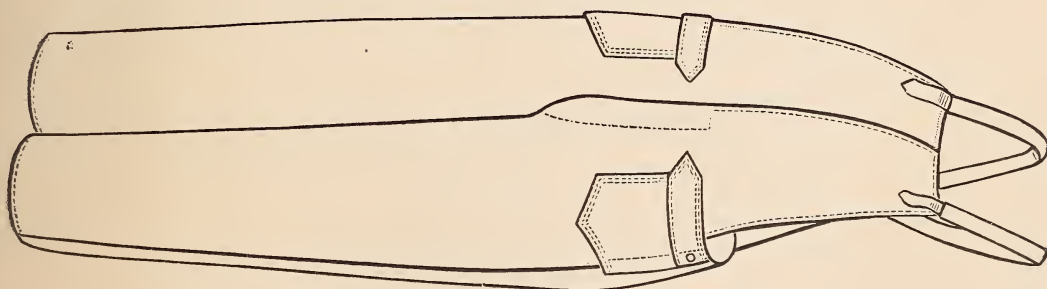


FIG 3.

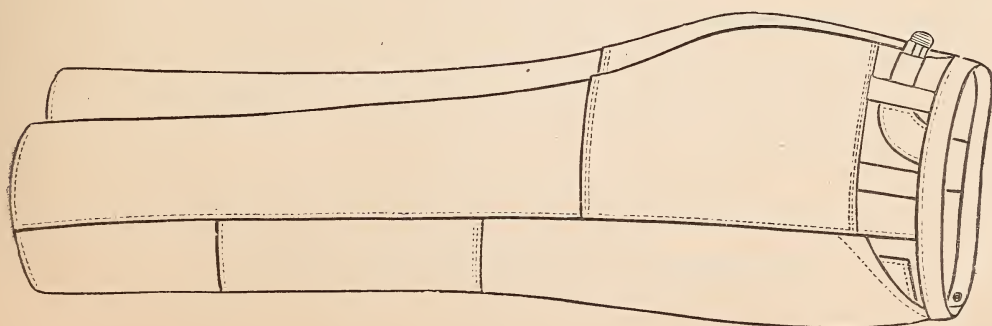


FIG. 4

PANTALOONS.

(SEE FIGURE 5.)

- 010. Extra Heavy Blue and Gold Denim.
- 029. York 10 oz. Gold Denim.
- 031. York 10 oz. Grey Denim.

KENTUCKY JEANS.

- 80. Plain Finish extra wool filling. Fig. 6.
- 95. Full trimmed excellent fabric. Fig. 7.
- 94. Extra Fine hand finished throughout. Fig. 8.
- 100. Merino Doeskins, finest made, hand-finished throughout, same as best Cassimere pants. Fig. 8.
- 92. Lined throughout, extra quality. Fig. 7.
- 83. Polaris Doeskins, plain finish. Fig. 6.
- 85. Boy's Polaris Jeans, full trimmed.
- 86. Boy's Extra Wool Jeans, full trimmed.

All the above Jeans pants are carried in light and medium steel, Oxford, black and brown or gold mixed.

SUNDRY PANTS.

- 61. Cotton Worsted, assorted patterns. Style Fig. 7.
- 72. 8 oz. Cottonade, assorted patterns. Style Fig. 6.
- 302. Corduroy, assorted drabs, full trimmed. Style Fig. 7.
- 300. Corduroy, extra quality, full trimmed. Style Fig. 7.
- 330. Wool Satinet, assorted patterns, full trimmed. Style Fig. 7.
- 338. 8 oz. Satinet, assorted patterns, full trimmed. Style Fig. 7.
- 327. 8 oz. Cassimere, assorted patterns, full trimmed. Style Fig. 7.
- 65. 10 oz. Cassimere, assorted patterns, full trimmed. Style Fig. 7.

FOR SIZES ON PANTALOONS, SEE PAGE 25.

FIG. 5



FIG. 6



FIG. 7



FIG. 8



CASSIMERE PANTS.

- 310. Scotch Cheviot, all wool, heavy weight.
- 312. Bangor Cheviot, medium weight.
- 314. Inverness Cheviot, heavy weight.
- 316. Columbia Merino, all wool.
- 318. Buell's all wool, medium weight.
- 320. Kiamense all wool, 8 oz.
- 322. Flint Cassimeres, all wool.
- 324. Columbia Merino, 8 oz.
- 326. Crystal silk thread, 8 oz.
- 328. Buell's Merino, summer weight.

In every number of above there are from four to six patterns.

Above are represented by cut on opposite page. They are trimmed and finished in the most superior manner and will be found equal in workmanship to the best tailor-made garments. We make a specialty of these goods and our facilities for producing them are unequalled. We carry them in a full assortment of regular sizes, as shown by the list below ; but *positively cannot supply them in any sizes not therein contained :*

30x30	32x30	33x30	34x30	36x31	38x30
30x31	32x31	33x31	34x31	36x32	38x32
31x30	32x32	33x32	34x32	36x33	38x34
31x31	32x33	33x33	34x33	36x34	40x31
31x32		33x34	34x34		40x32

SPECIAL NUMBER.

No. 350 Extra, *three* styles Med. Cass.

This number alone is carried in sizes not embraced in above list ; we carry a full assortment of odd measurements, such as 29x32 or 31x34, and all extra waist sizes up to 46. All orders for sizes other than regular sizes will be executed in this number.

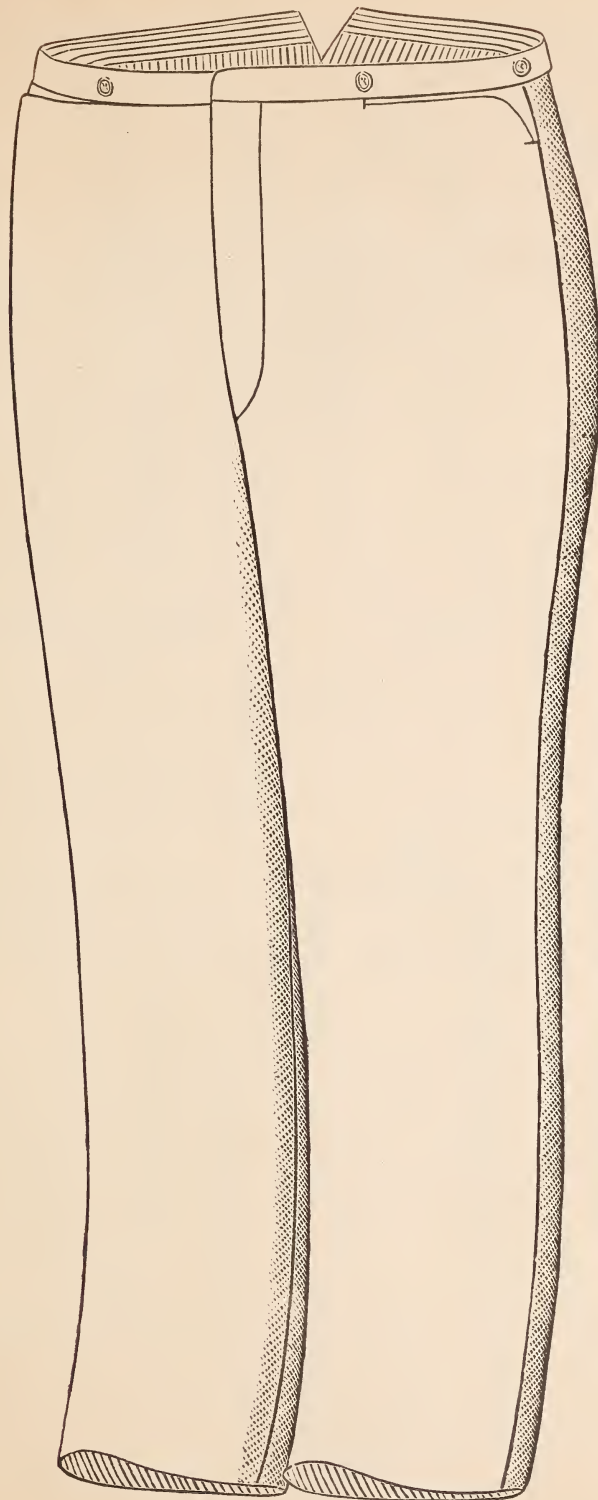


FIG. 9.

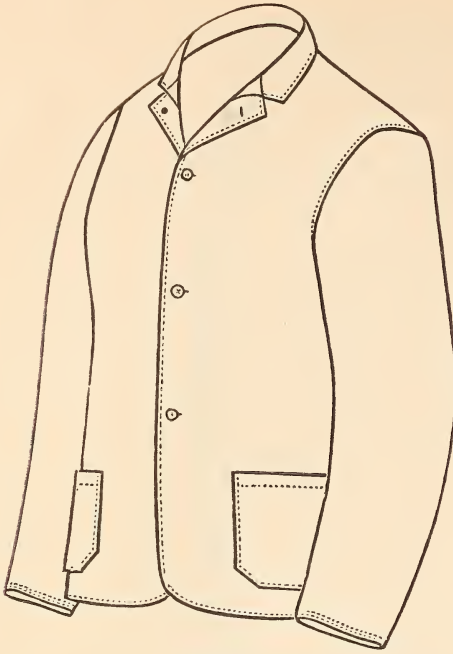


FIG. 10.

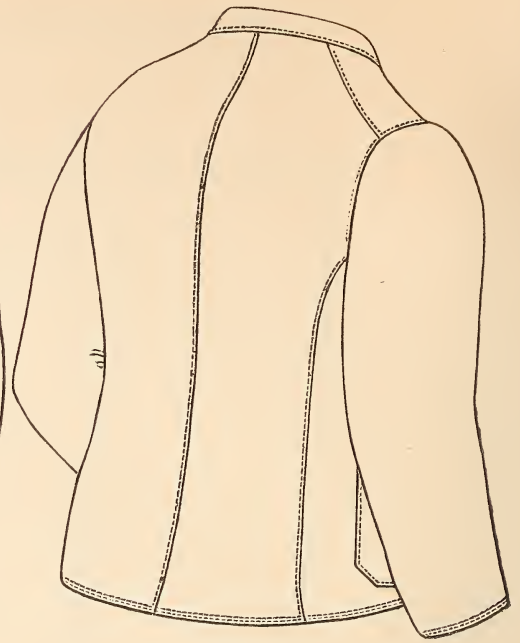


FIG. 11.

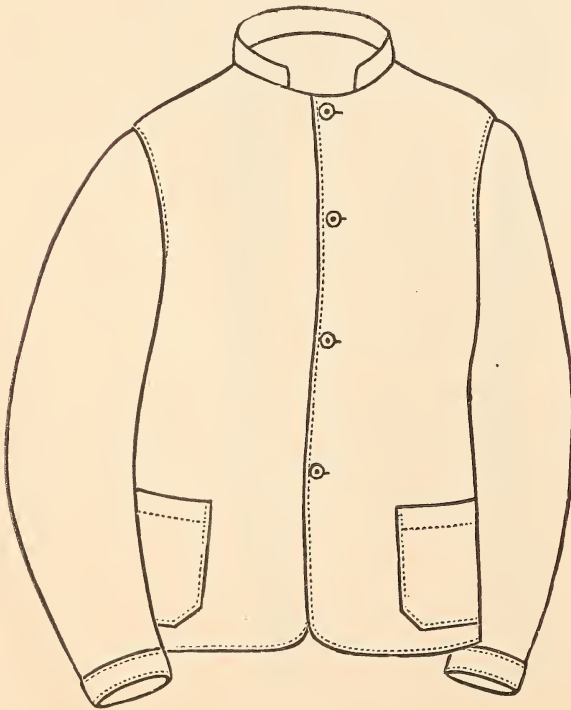


FIG. 12.

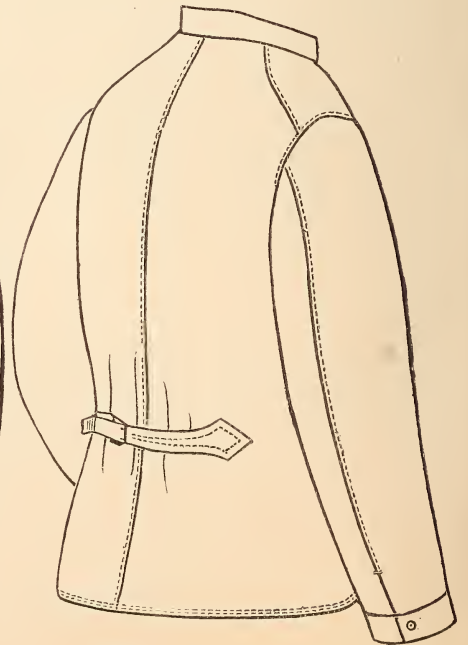


FIG. 13.

JUMPERS.

FULL COAT SHAPE.

(FIGURES 10 AND 11.)

- 13. York 10 oz. Double-Spun Cassimere Denims.
- 28. Amoskeag 9 oz. Grey Denims.
- 33. York 9 oz. Fancy Blue Denims.
- 37. Amoskeag 9 oz. Indigo Denims.
- 34. Pemberton Standard Blue Denims.
- 105. McDonald Plaid Cheviot.

STRAP BACK.

(FIGURES 12 AND 13.)

- 27. Amoskeag 9. oz. Brown Denims.
- 34. Pemberton Standard Blue Denims.
- 37. Amoskeag 9 oz. Indigo.

Sizes in both styles Jumpers : 36, 38, 40, 42, 44.

We also make No. 13 workingmen's vest, of same material and to match No. 13 coat and No. 13 overalls; thus supplying full suit of excellent wearing material at a low price.

Our jackets will be found in fit and workmanship superior to anything in the market, having been so pronounced time and again by the best judges. Manufacturers generally, unwilling to bestow the time or not having the ability necessary to perfect a line of patterns properly drafted, "chop" out these garments and run them up as they would common bags. We have taken special pains and experimented largely to secure a garment that is not only comfortable but fits equal to a Cassimere coat.

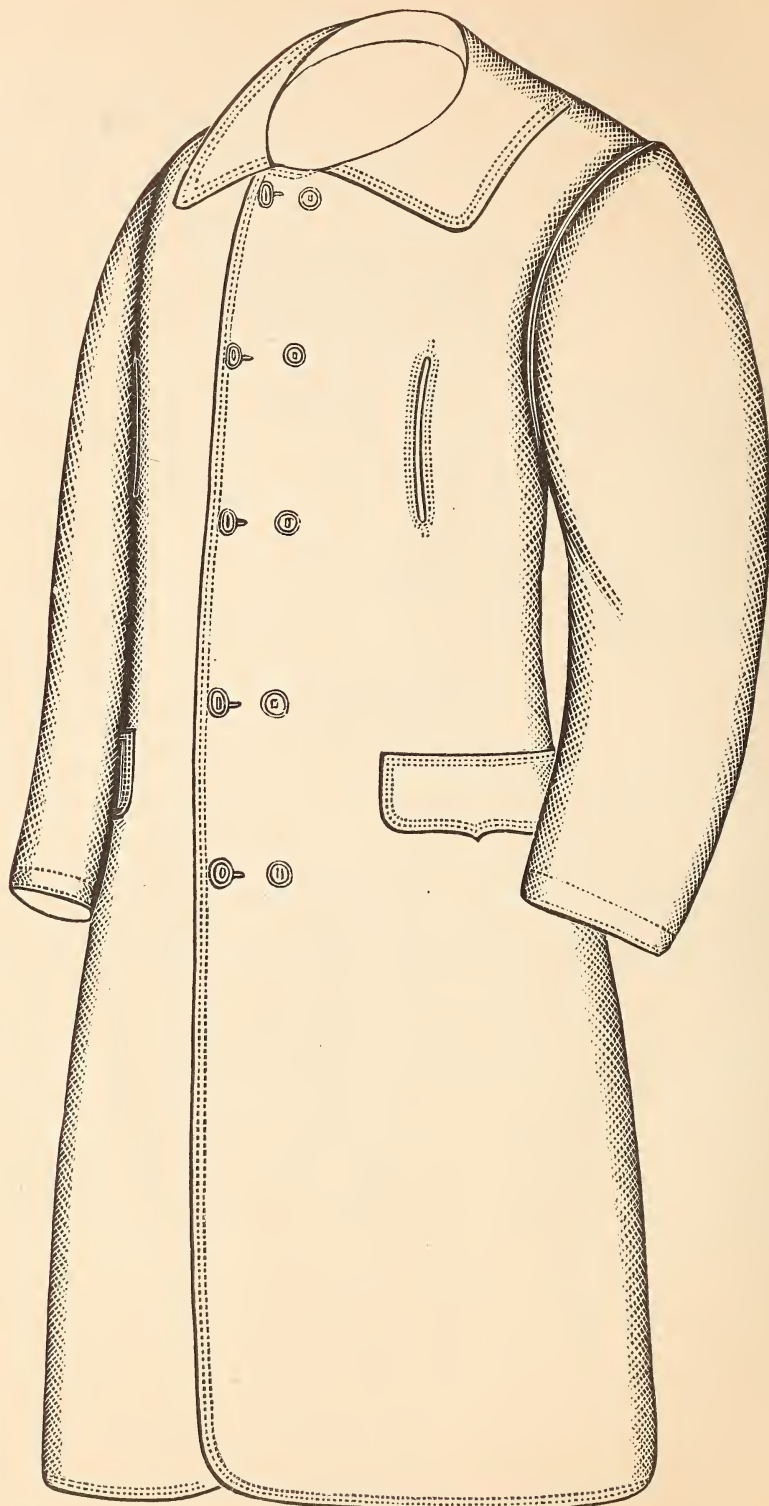


FIG. 14.

LINED GOODS.

(SEE FIGURES 14, 15 AND 16.)

- 200. 10 oz. Duck, Tan Canton Lining, *Ulster*.
- 200. 10 oz. Duck, Tan Canton Lining, Coat.
- 200. 10 oz. Duck, Tan Canton Lining, Pants.
- 200. 10 oz. Duck, Tan Canton Lining, Vest.
- 201. 8 oz. Duck, Tan Canton Lining, Coat only.
- 204. 10 oz. Duck, Grey Blanket Lining, *Ulster*.
- 204. 10 oz. Duck, Grey Blanket Lining, Coat.
- 204. 10 oz. Duck, Grey Blanket Lining, Vest.
- 205. 8 oz. Duck, Grey Blanket Lining, Coat only.
- 210. 10 oz. Duck, Scarlet Blanket Lining, *Ulster*.
- 210. 10 oz. Duck, Scarlet Blanket Lining, Coat.
- 210. 10 oz. Duck, Scarlet Blanket Lining, Vest.

Sizes in Ulsters, Coats and Vests : 34, 36, 38, 40, 42 and 44.

Our trade on Lined Goods has increased so largely that we are now compelled to keep a force on them the year round. By selecting the best hands and giving them permanent employment on the one line, we have secured a much better class of work than can be done by throwing on, at the time when the demand for the goods begins, a large force, a majority of which have never before made the stuff. Our garments are all triple-stitched, and in all particulars are recognized as the standard.

We desire to call the attention of the trade to one point that is not generally understood. The material of which these coats are made is very unyielding at first, and the temptation of the buyer is to secure one several sizes too large. This allows the shoulders to droop, the sleeve to twist forward and causes a binding over the muscle of the arm. To avoid this, select a garment that fits snug against the body at the shoulder, so that the seam comes over the actual juncture of arm and body. The proper position of the coat is then maintained and as soon as set to the body, it will be found very comfortable.

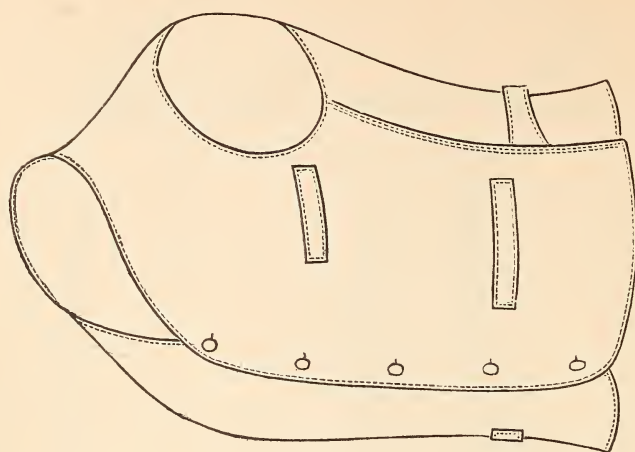


FIG. 16.

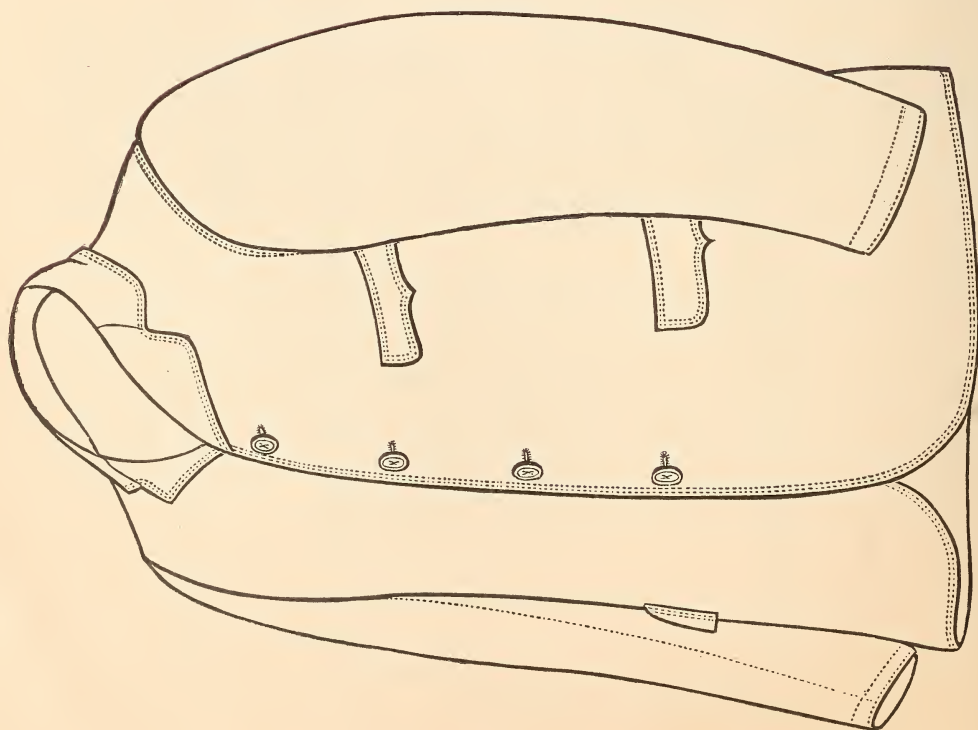
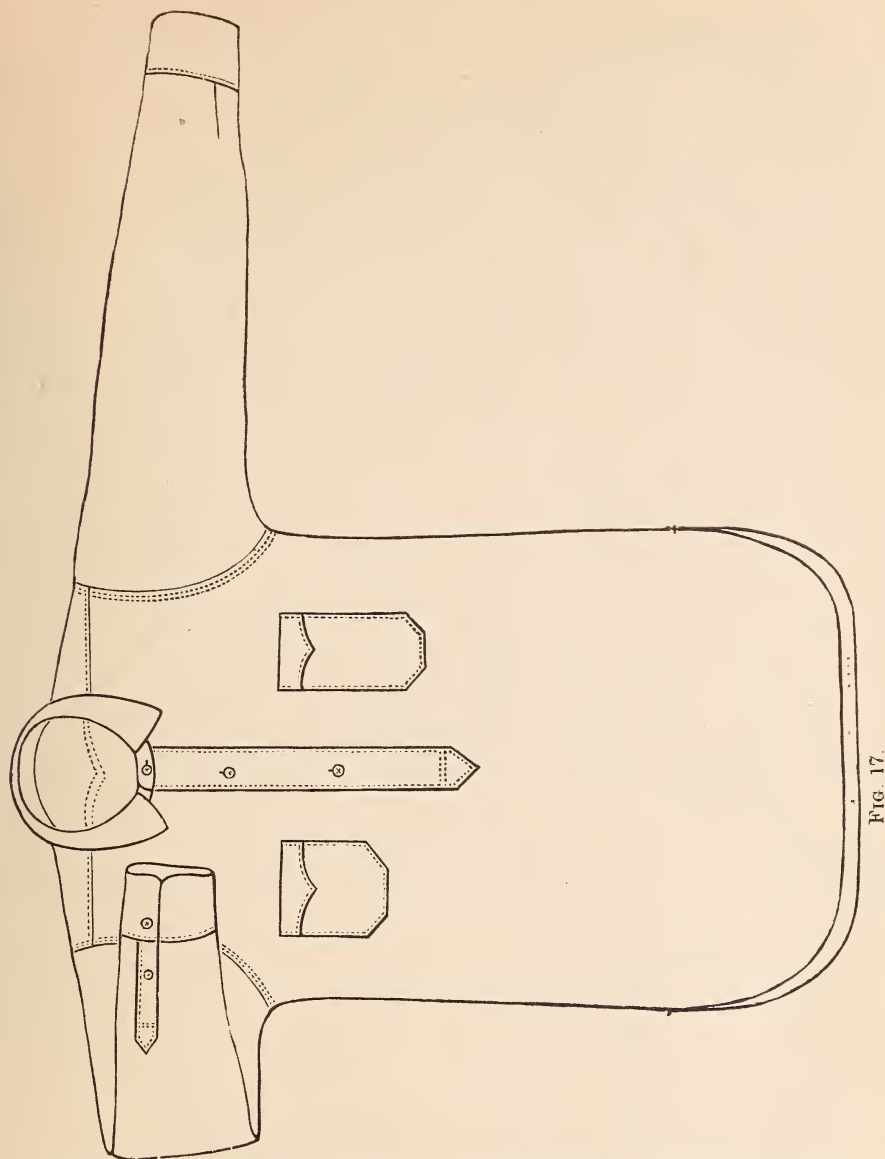


FIG. 15.



FINE FLANNEL DRESS SHIRTS.

These are one of our specialties. One department of our Factory is given up exclusively to this work, and our facilities are such as to enable us to produce faultless garments. In variety of pattern and style of cut, we carry the most extensive line in the market, and by our new cut, on which we have applied for letters patent, we have secured the only coat-fitting shirt ever made. The fit on our new garments will be found perfect over the shoulders and about the arms, and at the same time the sleeves are so shaped that there can be no possibility of drawing. All who appreciate a handsome fit, as well as an easy shirt, will wear no other.

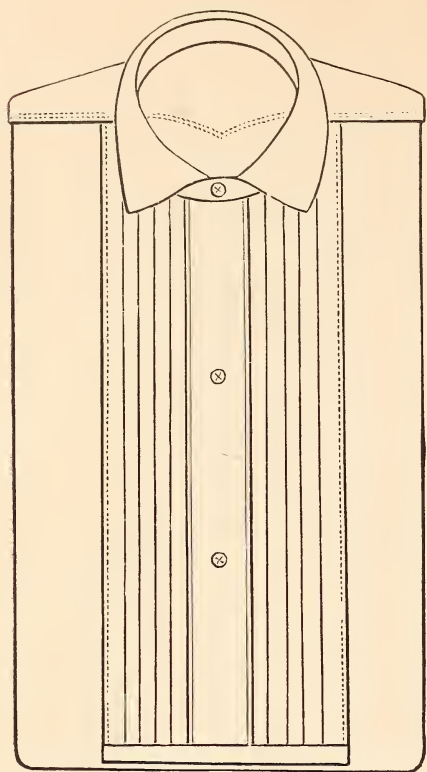


FIG. 18.

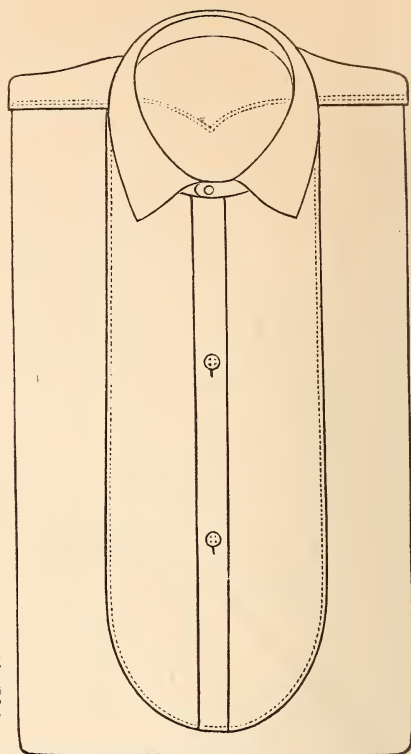


FIG. 19

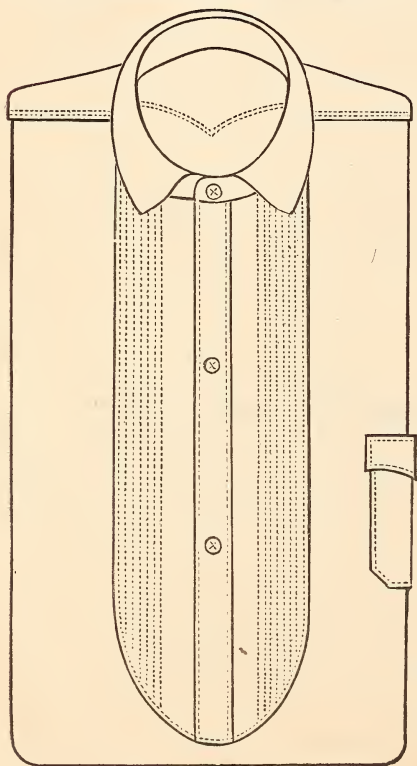


FIG. 20.

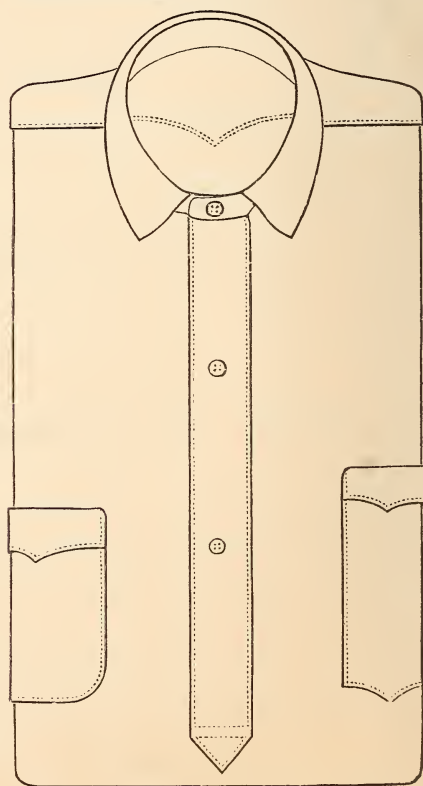


FIG. 21

FLANNEL SHIRTS.

SCOTCH SUMMER WEIGHTS.

- 550. Stripes and Plaids. Style Fig. 21.
- 555. Stripes and Plaids. Style Fig. 21.
- 560. Stripes and Plaids. Style Fig. 21.
- 565. Stripes and Plaids. Style Fig. 20.
- Cambridge. Stripes and Plaids. Style Fig. 21.
- Zanzibar. Stripes and Plaids. Style Fig. 20.
- Phoenix. Stripes and Plaids. Style Fig. 21.
- Madras. Stripes and Plaids. Style Fig. 23.

MEDIUM AND HEAVY WEIGHTS.

- 518. Lumbermen's Imp. Flannel. Fig. 21.
- 524. Fancy Mixtures, assorted shades. Fig. 19.
- 526. Imp. Scotch Stripes and Plaids. Fig. 19.
- 532. Imp. Scotch Stripes and Mixtures. Fig. 25.
- 535. 13 oz. Alaska Melton, navy, wine and drab. Fig. 21.
- 800x. Talbot Solid Color Flannel, five shades. Fig. 18.
- 850. 5 oz. All Wool Mixtures, four shades. Fig. 21.

BLUE FLANNELS.

- 712. Lace Front, all wool. Fig. 22.
- 715. 5 oz. Wool, corded front. Fig. 20.
- 722. Plain Medium Weight. Fig. 21.
- 720. Buell's 9. oz. Merino Indigo, heaviest made. Fig. 21. and Fig. 25.
- 800x. Talbot Fine Pleats. Fig. 18.

All above boxed in 6-12 boxes.

SATINET AND HEAVY BUNDLE SHIRTS.

- F69. Florence Blue Mixed Melton. Fig. 21.
- F70. Grey Repellent, double pleated front.
- F77. Blue Flannel. Fig. 24.
- F83. Fancy Plaids and Check Satinets. Fig. 21.
- F89. Grey Melton, lace front. Fig. 22.
- F94. Heavy Cassimere. Fig. 21.
- 540. Two-tone Satinets, Fig. 19.

SIZES IN ABOVE, 14½ TO 17½.

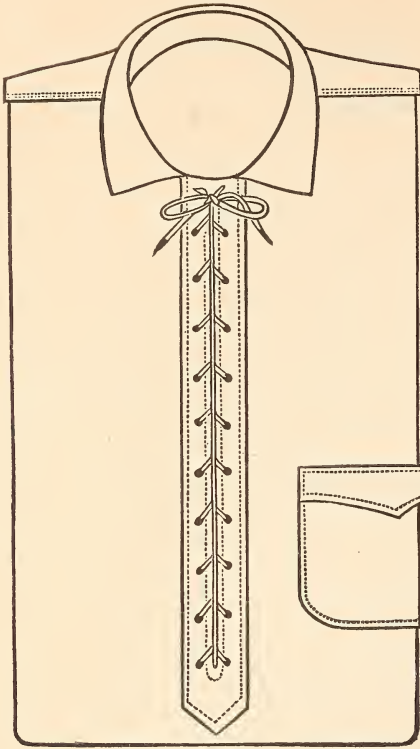


FIG. 22.

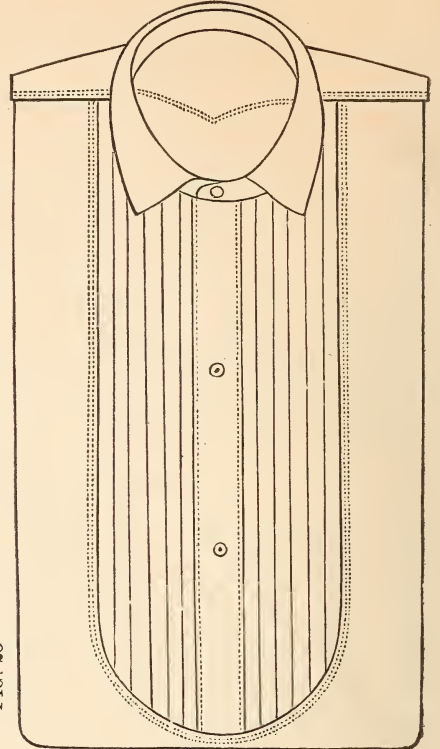


FIG. 23.

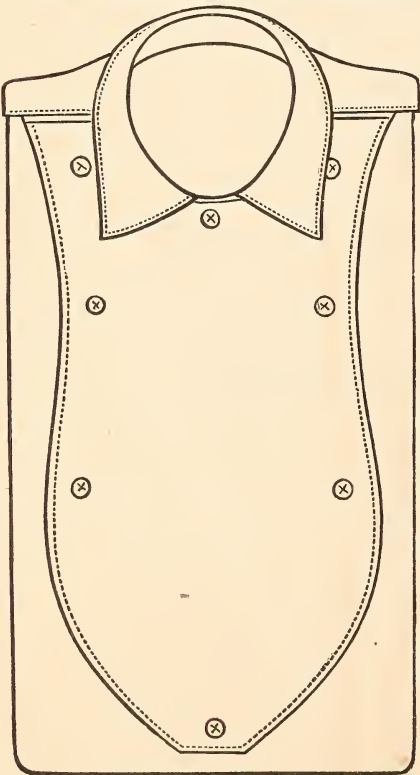


FIG. 24.

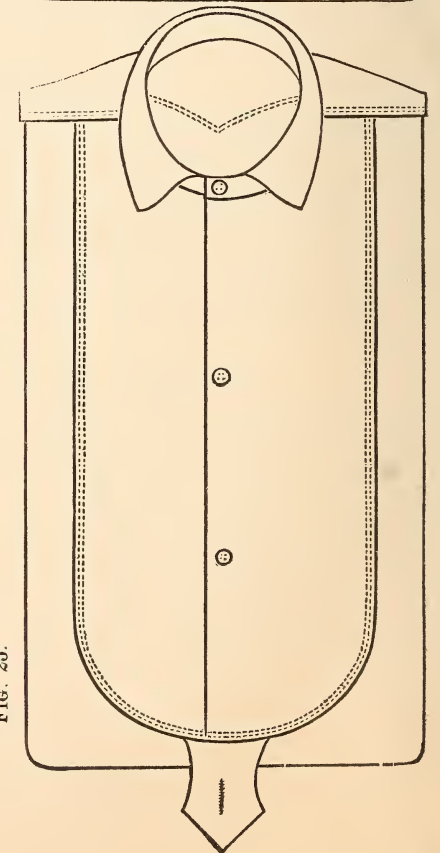


FIG. 25.

WORKING SHIRTS.

All our Working Shirts are full shaped at arm and shoulder. They are extra made and double stitched, and will be found unequalled for comfort and wear.

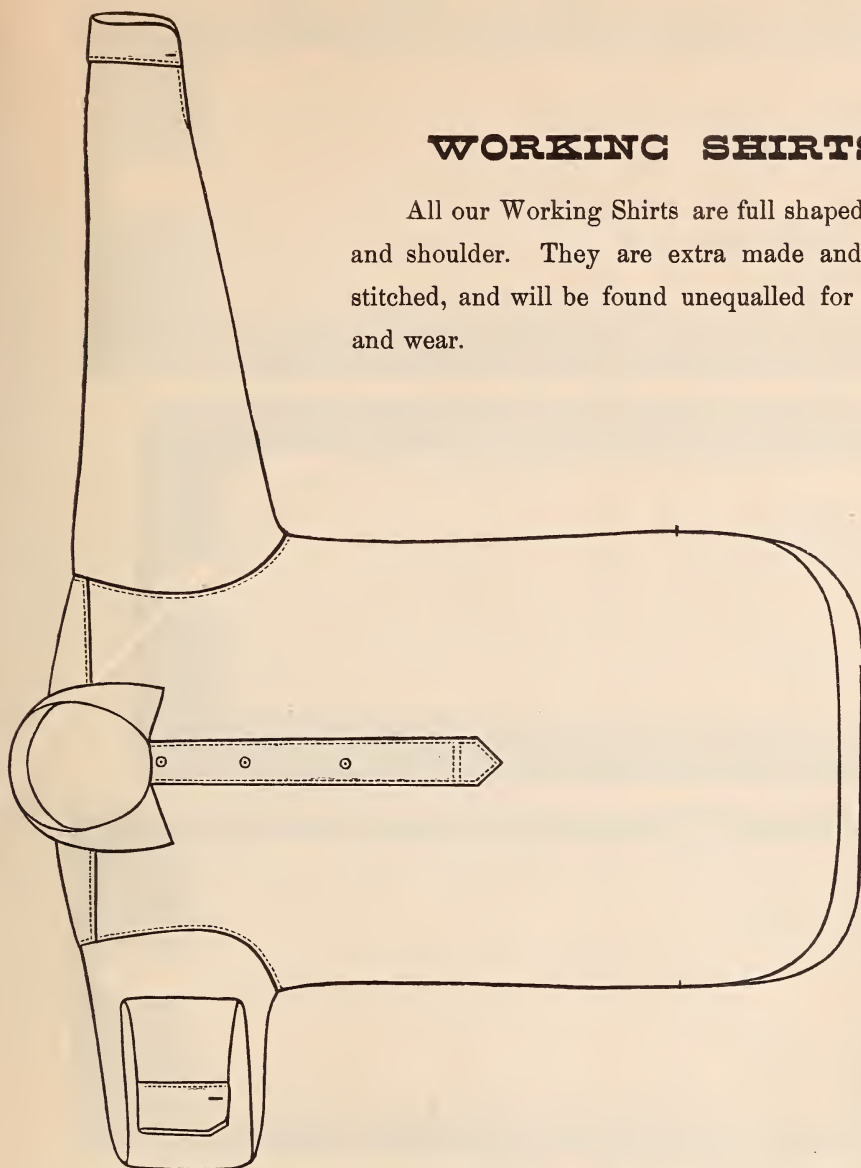


Fig. 26.

- 106. Westminster Chev., Amoskeag styles. Fig. 26.
- 105. McDonald Cheviot, plaids and end and end. Style Fig. 26.
- 126. Santa Rosa Cheviots, four patterns. Style Fig. 26.
- 128. Pemberton End and End. Style Fig. 26.
- 155. Extra Heavy Indigo, end and end. Style Fig. 26.
- 174. French Chambray, corded bosom. Style Fig. 20.
- 173. Heavy Chambray, corded bosom. Style Fig. 20.
- 178. Linen Stripe Cheviots, corded bosom. Style Fig. 20.
- 179. French Chambray, pleated front. Style Fig. 23.
- 180. Flannelettes, pleated front. Style Fig. 23.

Sizes : $14\frac{1}{2}$ to 17.

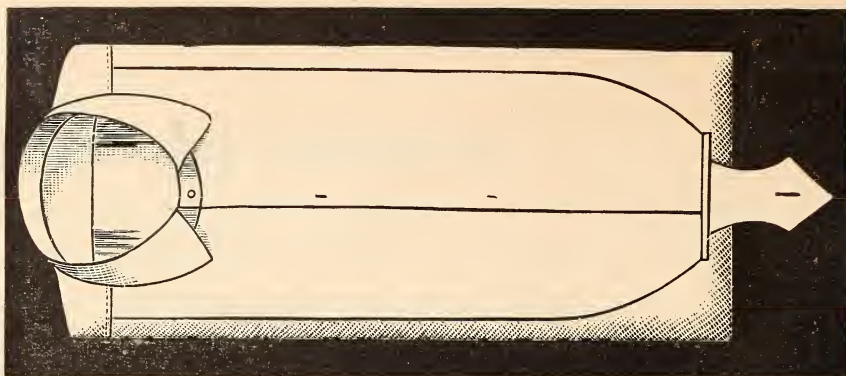


FIG. 30.

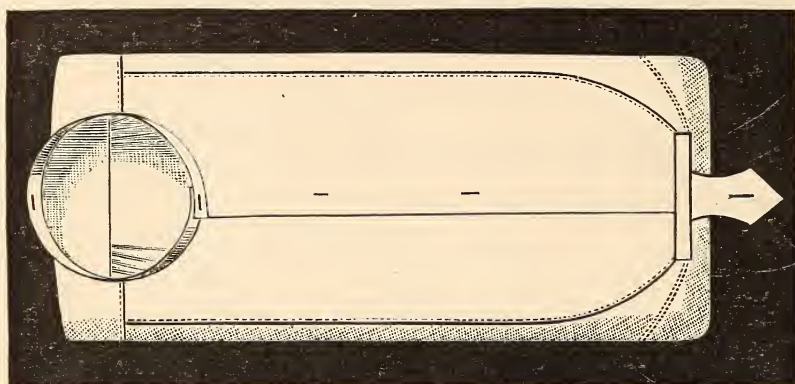


FIG. 29.

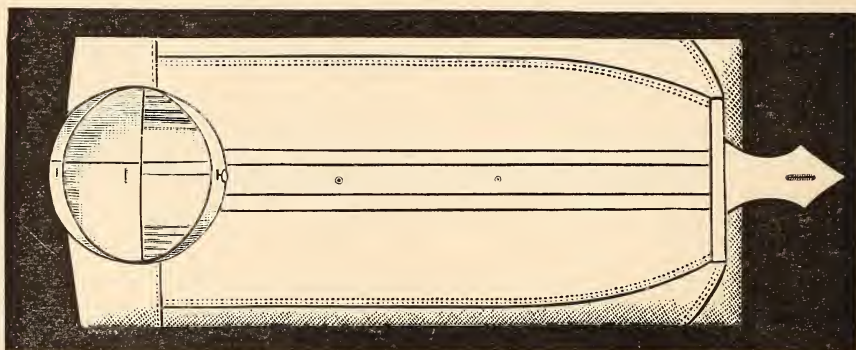


FIG. 28.

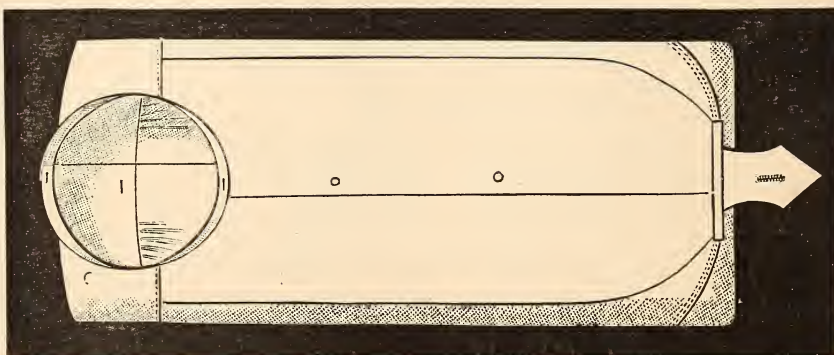


FIG. 27.

WHITE SHIRTS.

UNLAUNDERED.

1810. W Blea. Cotton, 1600 linen bosom. Styles Figs. 27 and 28.
 1900. Dwight Anchor, 1800 linen bosom. Styles Figs. 27 and 28.
 675. N. Y. Mills, 2000 linen bosom. Styles Figs. 27 and 28.
 1815. Boy's sizes, same as 1810 Men's. Styles Figs. 27 and 28.

Above open back. 6-12 boxes.

LAUNDERED.

1800. Open back, W Cotton, 1600 linen, 6-12 boxes. Figs. 27 and 28.
 1900. Open back, Dwight Anchor, 1800 linen, 6-12 boxes. Figs. 27 and 28.
 1925. Open front, Dwight Anchor, 1800 linen, 6-12 boxes. Fig. 29.
 1950. N. Y. Mills Muslin, open back, 1800, 6-12 boxes. Figs. 27 and 28.
 2000. N. Y. Mills Muslin, open back, 2000 linen, full custom made, hand-made button holes, 2-12 boxes. Figs. 27 and 28.
 2050. Open front, same as 2000. Fig. 29.
 1815. Boy's sizes, same as Men's 1800, 6-12 boxes. Figs. 27 and 28.
 1965. N. Y. Mills, Boy's sizes to match Men's 1950. Figs. 27 and 28.

All above are made in sizes 14 to 17½, sleeves 31 to 34. Positively no extra sizes will be made to order, but such may be obtained in No. 2075 Extra. Boy's sizes: 12½, 13, 13½ and 14.

2075 Extra. Best grade, N. Y. Mills Muslin, best linen bosom, extra work throughout. This number is designed to meet the requirements of odd and extra size men. It is made in 18, 18½ and 19 neck, and in extraordinary lengths of shirt and sleeves. Made in either open back or front.

Being the only manufacturers of White and Fancy Shirts in the West, we are able to offer, at factory prices, garments designed and made with special reference to the requirements of the Western trade. All grades are cut upon the same liberal patterns, and are trimmed, stitched and finished with regard to wear as well as appearance. As we operate our own box factory in connection, we can put any shirt up in any style desired—one, two or six in a box—the only difference being in the cost of boxes, which will be 30 cents extra for 2-12 and 50 cents for 1-12 boxes. This will be found a great convenience to the dealer who wants a special thing to make a run on.

FANCY LAUNDERED SHIRTS.

Following numbers, 64x64 cloth, open back, 1 standing, 1 T. D. collar, cuffs attached, 6-12 boxes. Style Fig. 27.

1550	1556	1562	1568
1552	1558	1564	1570
1554	1560	1566	1572

Following numbers, 64x64 cloth, open front, collar and cuffs attached, 6-12 boxes. Style Fig. 30.

1500	1505	1510
------	------	------

Following numbers, 72x84 Percales, open back, 1 standing, 1 T. D. collar, cuffs attached, 6-12 boxes. Style Fig. 27.

1600	1605	1610	1615	1620
------	------	------	------	------

1715. Open front, 72x84 cloth, collar and cuffs attached, 6-12 boxes. Style Fig. 30.

Following numbers, 76x84 Percale, *Standard Quality*, open back, 2 T. D. collars, 1 pair cuffs; put up in 2-12 boxes. (See Fig. 31.) Collars and cuffs rolled and crimped.

920	940	950	960	970	
930	945	955	965	1240	1275

Following numbers, same material, open front, collar and cuffs attached, 2-12 boxes. See Fig. 30.

1140	1155	1165	1170
------	------	------	------

Following style, open front, 1 standing, 1 T. D. collar, 1 pair cuffs, 2-12 boxes. Fig. 31.

2600

Following numbers, 84x88 Penangs, *Super Quality*, open back, 1 standing, 1 T. D. collar, 1 pair cuffs, 2-12 boxes. Fig. 31.

1400	1410	1430
1425	1447	1440

1005. Checks and 1015 Stripes, Indigo Penang, open back, super quality, 2 T. D. collars, 1 pair cuffs, 2-12 boxes.

1105. Check and 1115 Stripes, same material, open front, collar and cuffs attached.

1300. French Chambray, open front, collar and cuffs attached, 2-12 boxes.

1350. French Chambray, open back, 2 T. D. collars, 1 pair cuffs, 2-12 boxes.

1340. Brown Linen, open front, collar and cuffs attached, 6-12 boxes. Fig. 30.

1525. Blue Chambray, open front. Style Fig. 30.

1310, 1312 and 1314. Linen Stripe Cheviot, open front. Style Fig. 30.

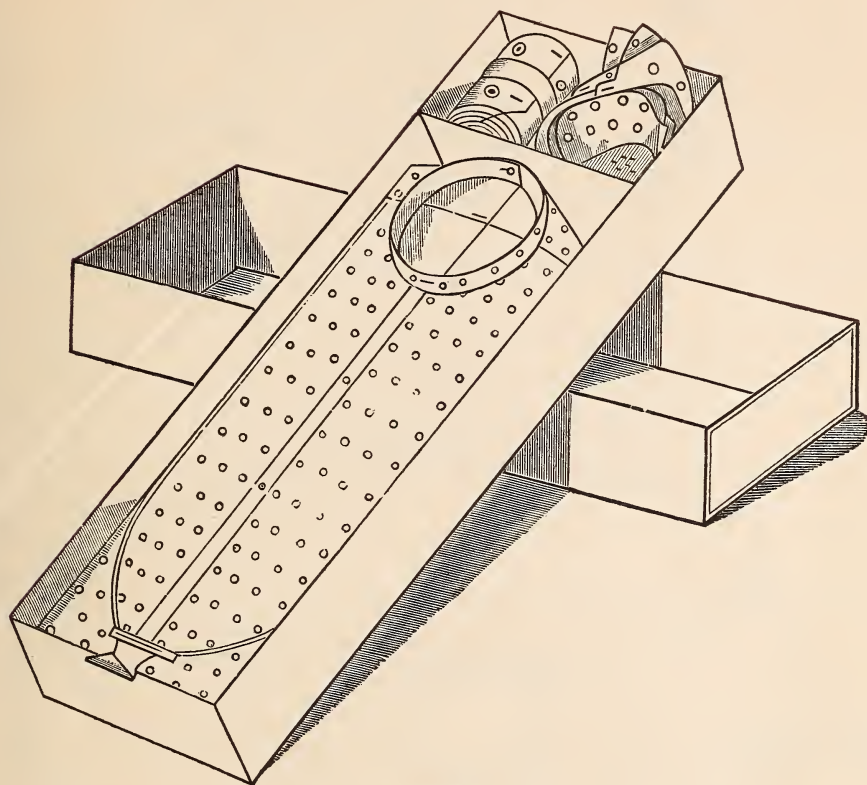


FIG. 31.

All our Fancy Laundered Shirts, of Standard and Super Quality, are put up in 2-12 boxes, as shown in Fig. 31. Collars are folded and crimped, and cuffs are sprung into shape, same as best linen goods. Each box contains a pair of shirts, with collars and cuffs to match, all complete.

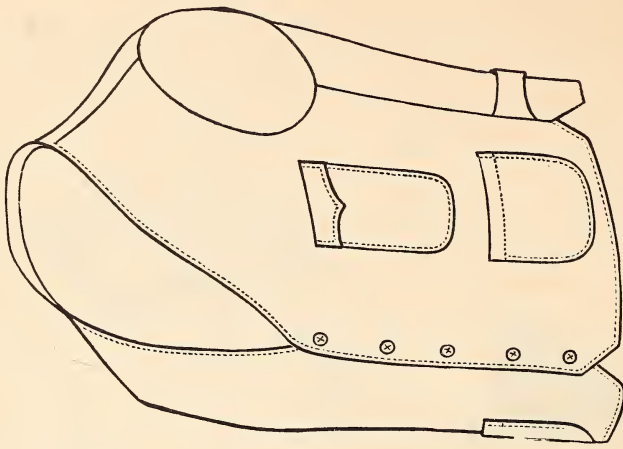


FIG. 33.

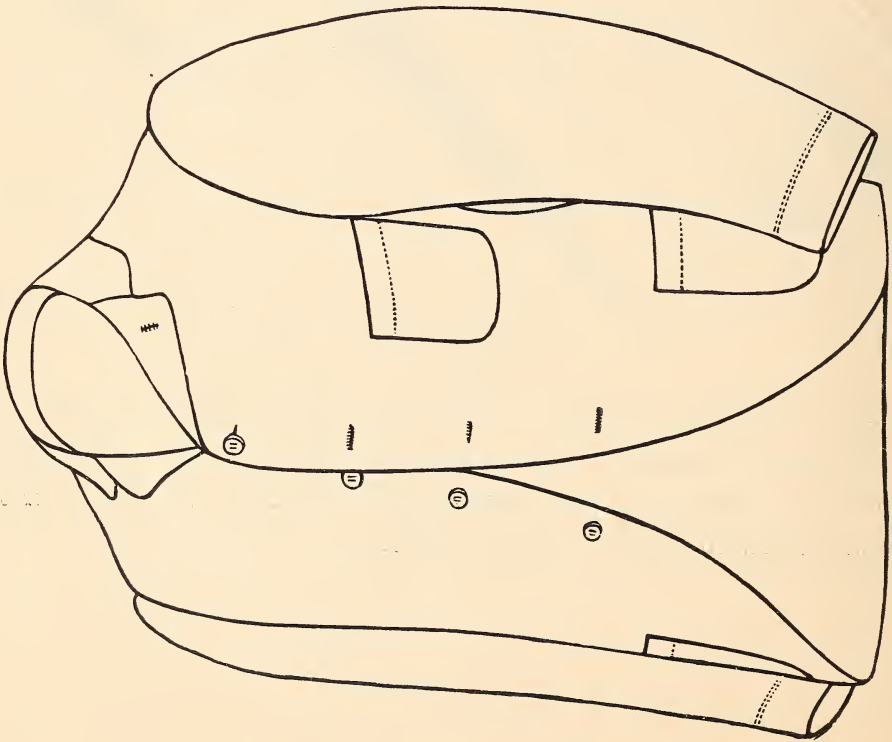


FIG. 32.

SUMMER COATS AND VESTS.

Rochdale. 5 oz. Wool Mixtures, five shades.

Climax. Cotton Warp, unshrinking flannels made especially to our order for this purpose, four shades.

3100. Assabet, all wool, 6 oz. Cassimere, best material for summer obtainable.

3150. English Broadcloth, 6 oz., the handsomest coat in the market.

Ceylon. Imported Scotch, light weights, stripes and checks.

400. Domet Cotton Flannels, equal in appearance and wear to the wool goods.

3000. Stripe Alpacas, six shades.

3050. Lustres, four shades.

128. Blue Chambray ; a handsome coat and vest for the money and the best wearer obtainable.

Sizes in above : 34, 35, 36, 37, 38, 40 and 42.

Figures 32 and 33 represent patterns adopted for 1889. The goods (except the 400 and 128 cotton) are stitched throughout with silk, have handsome super pearl buttons, and are a stylish and easy fit. A special feature is the long top pocket on the vest, which enables the wearer to carry therein with safety memoranda books and pencils.

UNDERWEAR.



FIG. 34.

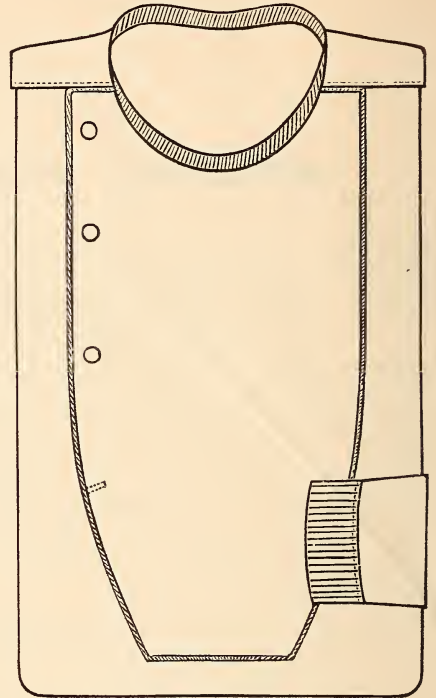


FIG. 35.

Drill Drawers, made of Standard Unbleached Drill.

Jean Drawers, Best Bleached Jean, cut full pantaloon style ; seam on outside.

220. Canton Shirts and Drawers, unbleached.

230. Heavy Canton Shirts and Drawers, unbleached.

250. Extra Bleached Canton Shirts and Drawers, Figures 34 and 35, heaviest material, trimmed with striped silesia pipings and facings.

280. Heavy Unbleached Canton, cut full pantaloon style, same as Fig. 34.

SIZES.

Please note that Overalls numbers 10, 31, 29, 37 and 34, and Pants numbers 010, 029, 031, 80, 92, 95 and 72 are made in the following sizes :

30x29	32x30	33x32	34x32	36x31	38x32
30x30	32x31	33x33	34x33	36x32	38x33
30x31	32x32	33x34	34x34	36x33	38x34
31x30	32x33	33x35	34x35	36x34	40x30
31x31	32x34	34x30	34x36	38x30	40x32
31x32	33x30	34x31	36x30	38x31	40x34
	33x31				

All other styles of Overalls and Pants are carried in the following sizes only :

30x30	32x32	33x33	34x34	
31x31	32x33	33x34	36x32	40x32
32x31	33x31	34x31	36x33	
	33x32	34x32	38x32	
		34x33	38x33	

The following extra large sizes are made only in 10, 29, 31, 11, 34, 37 Overalls and in 95 Jean pants :

42x30	44x30	46x30	48x30
42x31	44x31	46x31	48x31
42x32	44x32	46x32	48x32
42x34	44x34		

Boy's Pants and Overalls are made as follows :

24x24	25x25	26x26	27x27	28x28	29x29
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Any size or sizes may be ordered at the selection of the buyer. No extra charge for extra sizes.

As we offer a larger line for selection than any other manufacturers, we hope our friends will not embarrass us by calling for sizes not included in our list. Kindly look before ordering and if sizes wanted are not made in the overalls or pants you have selected, order them in one of the other styles in which the sizes are carried.

We have tabulated size-lists for ordering, which will be supplied on application, thus enabling the dealer to order exactly according to his wants. Where orders do not state sizes, we shall use our best judgment in executing ; but it is always best for the buyer to at least name limits within which he desires them to run.

THE MANUFACTURE OF FURNISHING GOODS.

IT MAY be of interest to the dealer who handles such goods as are herein enumerated, to learn something of the processes employed in their manufacture. Unlike many articles of every-day use, they cannot be turned out "automatically," nor has mechanical science been able to devise means of dispensing, to any considerable extent, with the correct eye and steady hand of the skilled seamstress. To be sure, the aid of machinery, beautiful and intricate in some instances, has been invoked and everything possible is done by "power;" but every improvement in the speed of a machine, every elaboration to increase its functions or capacities, renders the watchfulness of an intelligent mind still more indispensable. The great advantage which the community has gained in the direction of cheaper and better garments since the inauguration of the factory system has been secured, not by the discovery of entirely new processes of manufacture, but by the development of those three factors: the division of labor, the possibility of turning out large quantities of every style, the education and supervision of the help. The *cheapness* depends largely upon the first two of these, the *quality* on the last. To make goods cheaply, make them in quantities and rush them through. This any one may do, and this every "slop-shop" manufacturer does; but to make them *well*, so that of the thousands of garments turned out daily, each shall be a sample; to watch for errors and imperfections and to lay the blame where it belongs; to impress all hands with the desire to improve constantly in their work; these are the important attributes of intelligent and successful manufacturing, and it is towards this point that our energies have been specially directed.

Parties whose business has led them to inspect other institutions of the kind affirm that McDonald Factory, while probably the largest of all, is undoubtedly the best arranged factory for the manufacture of Men's Furnishings in the country. The cutting rooms, one for overalls, pants, etc., and one for shirts, each 40x150 feet, are located on the fourth floor. Appropriate cutting tables are arranged in these rooms, each table being the full length of the room, about 144 feet, or 48 yards. A hydraulic elevator serves to raise the goods by case from the store rooms on the first floor. When ready to be cut, the goods are spread at full

length upon the table, each piece exactly above the other until the required number of thicknesses is obtained, this number varying from thirty to one hundred, according to weight and organization of the fabric. Upon the top piece the patterns are spread and outlined with chalk, all trimmings, etc., being marked in as closely as possible. Right here comes the great advantage of working in quantities, for not only is the material thoroughly worked up, but when once marked, it is no more difficult to cut two or five dozen at a time than a single one. It will be observed what a serious loss of time there is if a cutter has to spread his material, mark it and then cut only one thickness. The extra expense is proportionate to the number of layers that would ordinarily have been cut, probably thirty or fifty times as much as if done in the regular way. We are frequently asked to make a special size shirt or pant, and it is rare indeed when the extra cost of cutting alone does not exceed all margin of profit in the goods.

The actual cutting is done with a knife, a flat blade held in a handle by a set-screw. This must be kept very sharp, and in cutting, the lines must be accurately followed with the blade perfectly vertical. A skilled hand does this with wonderful precision and deftness. A case of jeans containing about 1,000 yards has been converted into pants by two cutters in two hours—all operations, spreading, marking, cutting and bundling being done within the time. After being cut, the goods are rolled into bundles with all parts necessary to the complete garment, properly marked, tickets included. These bundles are then sent to the distributing room, a small room adjoining each stitching room, from which all work is given out. On giving out work to each operator, she is charged with it and when returned completed, is credited. The machines used for stitching in McDonald Factory are the Singer Oscillator, the Wheeler & Wilson D 10, No. 12, D 12 and 2, and the average speed at which they are run is about 1,200 to 1,400 stitches per minute. They are arranged on tables, holding from forty to eighty each, and the shafting operating them runs beneath the table. The transmitter or attachments, by which the power is transferred from the shaft to the machine, are so marvellously perfect in operation that the machine may be run at any speed according to the varying pressure of the foot, and when running at highest rate, may be stopped on a single stitch.

In overalls and pants, the botton holes in the fly are made by machine or hand before it is sewed in; on shirts, coats and all other work, the stitching is completed first. After the operator has finished her work on the bundle, she returns it to the distributing room and is credited with it. Afterwards it is given

out to handworkers to put in the stays, facings, etc., and then buttons are put on, either sewed on by hand, as on Cassimere pants, or put on by steam power machine in the case of overalls. After this operation, overalls are ready for inspection, folding and assorting, which is done in another department. Pants and shirts (excepting such as are laundered) are sent to the pressing room, and white and fancy shirts are sent to the laundry.

Following these last, we find they are washed in a great wheel operated by power, the water being boiled by live steam ; they are then wrung out in a centrifugal wringer, operated at very high speed, starched by machine and rubbed off by hand. The drying is done in an apartment constructed for the purpose, superheated by steam. Dampened under pressure to secure evenness of moisture, they are ironed by power, special and expensive machines being provided for bosoms, for neck-bands, for wrist-bands, for collars and cuffs, etc. The final folding is done by skilled hands who are among the highest paid employes of the Factory. Paradoxical as it may seem, the water used in the laundry is that of the "Big Muddy," but it is rendered as clear as if from the clearest spring by filtering through power filters.

Shirts from the laundry are sent to the shirt room to be boxed and examined. Boxes for them are made in another department which is supplied with all modern machinery for the purpose. It may be mentioned, as an instance of division of labor, that a laundered shirt, when boxed complete with collars and cuffs and ready to be sent to the salesroom, has had work performed upon it by eighteen different persons.

Each department is in charge of a special superintendent or forelady, and a complete record is kept of all cuts, so that by reference to the books in the office it is possible to tell exactly what work is on. The necessity of this is apparent when it is stated that about \$40,000.00 worth of goods are *in process* at any given time.

Steam for the laundry, for heating the building and for the engine, is supplied by Heine water tubes, while a Harris Corliss engine furnishes the motive power. A skilled machinist has charge of all sewing machines and another looks after all piping, shafting, belting, etc. About fifty men are employed as cutters, pressers, machinists, superintendents and book-keepers, besides watchmen, engineer and fireman. Notwithstanding the amount of detail connected with such an enterprise, the whole has been directly and entirely in the hands of the firm from the start. All goods made are designed and the patterns cut on the premises, either by a member of the firm, who is a practical cutter, or approved by him, and all work of every kind is under their constant supervision.

Following out these ideas and taking advantage of these qualifications for producing superior work, the output of McDonald Factory has been doubled within the past two years.

McDONALD

Shirts, Overalls and Pantaloons

ARE THE

CHEAPEST AND BEST,

BECAUSE

They are perfect in shape,

They are not pieced nor patched,

They are made of the best fabrics,

They are supplied with the best buttons and trimmings,

They are sewed with the best thread,

They are stitched finer and tighter than any,

They are made in the greatest variety of sizes, and

Every garment is specially examined and guaranteed perfect in workmanship.



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